

| Ref # | Hits  | Search Query                                   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|--|------------------|---------|------------------|
| S12   | 19    | surge suppression protection device            | US-PGPUB; USPAT                                    | AND              | OFF     | 2005/08/15 08:25 |
| S13   | 8     | surge suppression protection device coil       | US-PGPUB; USPAT                                    | AND              | OFF     | 2005/08/11 08:54 |
| S14   | 29    | coil coupled in parallel (windings adj2 angle) | US-PGPUB; USPAT                                    | AND              | OFF     | 2005/08/11 17:17 |
| S15   | 29    | coil coupled parallel (windings adj2 angle)    | US-PGPUB; USPAT                                    | AND              | OFF     | 2005/08/11 08:56 |
| S17   | 728   | 361/118.ccls.                                  | USPAT  | AND              | OFF     | 2005/08/11 10:23 |
| S18   | 64    | 361/118.ccls. winding                          | USPAT  | AND              | OFF     | 2005/08/11 10:04 |
| S20   | 7     | S18 angle                                      | USPAT  | AND              | OFF     | 2005/08/11 10:05 |
| S21   | 796   | 361/119.ccls.                                  | USPAT  | AND              | OFF     | 2005/08/11 10:23 |
| S23   | 84    | S21 angle                                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND              | ON      | 2005/08/11 10:24 |
| S25   | 4     | S23 winding                                    | USPAT  | AND              | OFF     | 2005/08/11 10:25 |
| S26   | 21    | "4,817,556"                                    | USPAT  | OR               | OFF     | 2005/08/11 11:56 |
| S30   | 4     | surge suppression coil non-ferrous             | USPAT  | AND              | OFF     | 2005/08/11 16:48 |
| S31   | 38    | surge coil non-ferrous                         | USPAT  | AND              | OFF     | 2005/08/11 17:05 |
| S32   | 7     | surge biasing coil non-ferrous                 | USPAT  | AND              | OFF     | 2005/08/11 17:05 |
| S33   | 8     | coil coupled in parallel (windings adj1 angle) | US-PGPUB; USPAT                                    | AND              | OFF     | 2005/08/11 17:17 |
| S34   | 9     | surge suppression coil angle                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND              | OFF     | 2005/08/15 08:26 |
| S35   | 11103 | surge suppress\$                               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND              | OFF     | 2005/08/15 10:28 |
| S36   | 2655  | S35 coil                                       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND              | OFF     | 2005/08/15 10:29 |

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|-----|-------|---|---|-----|-----|------------------|
| S37 | 293   | S36 "90" degrees                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/15 10:30 |
| S38 | 36467 | coil windings "90"                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/15 11:18 |
| S39 | 1600  | S38 surge                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/15 11:22 |
| S40 | 11    | "1406002"                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/15 11:30 |
| S41 | 0     | coil windings ortogonal                         | USPAT   | AND | OFF | 2005/08/15 12:42 |
| S42 | 2134  | coil windings orthogonal                        | USPAT   | AND | OFF | 2005/08/15 12:42 |
| S43 | 42    | coil windings orthogonal surge                  | USPAT   | AND | OFF | 2005/08/15 13:48 |
| S44 | 361   | coil windings perpendi\$ surge                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/15 14:19 |
| S45 | 24    | coil windings perpendi\$ (surge adj suppress\$) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/15 13:50 |
| S46 | 24    | coil windings perpendi\$ (surge adj suppress\$) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/15 14:42 |
| S47 | 448   | coil adj angle                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/15 14:42 |

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| S48 | 5   | S47 surge   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/15 14:43 |
| S49 | 20  | "4802055"   | USPAT   | OR  | OFF | 2005/08/15 15:17 |
| S50 | 4   | "4459631"   | USPAT   | OR  | OFF | 2005/08/15 15:19 |
| S51 | 16  | "5528445"   | USPAT   | OR  | OFF | 2005/08/15 15:23 |
| S52 | 9   | "5654857"   | USPAT   | OR  | OFF | 2005/08/15 15:25 |
| S53 | 186 | ("4802055" "87" "4459631" "80"<br>"5528445" "79" "5654857" "79"<br>"5825599" "79" "5841615" "79"<br>"6140915" "77" "4604673" "77"<br>"4348709" "76" "5488535" "76"<br>"4991051" "75" "4541030" "74"<br>"4967303" "74" "6031706" "73"<br>"4306265" "71" "5519368" "71"<br>"5621625" "71" "4803588" "71"<br>"5369626" "70" "6184690" "70"<br>"4412166" "70" "5216369" "70"<br>"5256977" "70" "5396179" "70"<br>"5543703" "70" "5581437" "70"<br>"5694044" "70" "5867029" "70"<br>"6114797" "70" "5606299" "68"<br>"4259705" "68" "4345290" "68"<br>"6384583" "66" "5969930" "66"<br>"4387328" "65" "6385029" "65"<br>"4768125" "65" "4876621" "65"<br>"5027100" "65" "5646812" "65"<br>"5650908" "65" "6178080" "65"<br>"6249416" "65" "6280376" "65"<br>"6170974" "64" "4809044" "64"<br>"5545853" "64" "6323658" "64"<br>"6483319" "64" "3611033" "64")<br>and coil and surge and protect\$ and<br>suppress\$ and angle | USPAT   | OR  | OFF | 2005/08/15 15:29 |

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|-----|-----|--|---|-----|-----|------------------|
| S54 | 84  | ("4802055" "4459631" "5528445"<br>"5654857" "5825599" "5841615"<br>"6140915" "4604673" "4348709"<br>"5488535" "4991051" "4541030"<br>"4967303" "6031706" "4306265"<br>"5519368" "5621625" "4803588"<br>"5369626" "6184690" "4412166"<br>"5216369" "5396179" "5543703"<br>"5694044" "5867029" "6114797"<br>"5606299" "4259705" "4345290"<br>"6384583" "5969930" "4387328"<br>"6385029" "4768125" "4876621"<br>"5027100" "5646812" "5650908"<br>"6178080" "6249416" "6280376"<br>"6170974" "4809044" "5545853"<br>"6323658" "6483319" "3611033" )<br>and coil and surge and (protect\$ or<br>suppress\$)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/15 15:33 |
| S55 | 14  | S54 angle  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/15 15:40 |
| S56 | 176 | ("4802055" "4459631" "5528445"<br>"5654857" "5825599" "5841615"<br>"6140915" "4604673" "4348709"<br>"5488535" "4991051" "4541030"<br>"4967303" "6031706" "4306265"<br>"5519368" "5621625" "4803588"<br>"5369626" "6184690" "4412166"<br>"5216369" "5256977" "5396179"<br>"5543703" "5581437" "5694044"<br>"5867029" "6114797" "5606299"<br>"4259705" "4345290" "6384583"<br>"5969930" "4387328" "6385029"<br>"4768125" "4876621" "5027100"<br>"5646812" "5650908" "6178080"<br>"6249416" "6280376" "6170974"<br>"4809044" "5545853" "6323658"<br>"6483319" "3611033")and surge<br>and (protec\$ or suppress\$) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/15 15:59 |
| S57 | 24  | S56 angle  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/25 14:23 |
| S58 | 248 | 324/546.ccls.  | USPAT   | OR  | OFF | 2005/08/15 16:46 |
| S59 | 34  | "4563720"  | USPAT   | OR  | OFF | 2005/08/15 17:15 |

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|-----|-------|--|---|-----|-----|------------------|
| S60 | 6     | "5519368"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/15 17:16 |
| S61 | 6662  | coils same orthogonal\$  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/16 06:56 |
| S62 | 6662  | coils same orthogonal\$  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/16 06:56 |
| S63 | 16359 | coils orthogonal\$   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/16 06:58 |
| S64 | 521   | orthogonal adj coils   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/16 06:59 |
| S65 | 0     | surge same suppression same<br>plurality same conductors same<br>coupled same parallel | USPAT   | OR  | OFF | 2005/08/16 13:48 |
| S66 | 3     | surge same suppression same<br>plurality same conductors same<br>coupled same parallel | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/16 13:51 |
| S67 | 245   | surge suppression plurality<br>conductors coupled parallel                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/16 13:52 |
| S68 | 3     | surge suppression plurality<br>conductors coupled parallel<br>non-ferrous              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/16 13:55 |

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|-----|-----|---|---|-----|-----|------------------|
| S69 | 4   | surge suppression coil coupled parallel non-ferrous | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/16 14:22 |
| S70 | 20  | surge coil coupled parallel non-ferrous             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/16 14:37 |
| S71 | 32  | surge coil coupled non-ferrous                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/16 14:55 |
| S72 | 1   | "4757263".PN.                                       | USPAT;<br>USOCR   | OR  | OFF | 2005/08/16 14:40 |
| S73 | 1   | "4914382".PN.                                       | USPAT;<br>USOCR   | OR  | OFF | 2005/08/16 14:40 |
| S74 | 1   | "4914382".PN.                                       | USPAT;<br>USOCR   | OR  | OFF | 2005/08/16 14:40 |
| S75 | 1   | "5132629".PN.                                       | USPAT;<br>USOCR   | OR  | OFF | 2005/08/16 14:40 |
| S76 | 1   | "5132629".PN.                                       | USPAT;<br>USOCR   | OR  | OFF | 2005/08/16 14:40 |
| S77 | 1   | "5469067".PN.                                       | USPAT;<br>USOCR   | OR  | OFF | 2005/08/16 14:41 |
| S78 | 62  | surge protection non-ferrous                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/16 14:56 |
| S79 | 287 | (first adj coil) (second adj coil) mov              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/16 15:16 |
| S80 | 14  | coils same MOV same protect\$                       | USPAT   | OR  | OFF | 2005/08/16 16:25 |
| S81 | 3   | "0009496"   | USPAT   | OR  | OFF | 2005/08/16 16:42 |
| S82 | 0   | "0009496"   | US-PGPUB  | OR  | OFF | 2005/08/16 16:42 |

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|-----|------|---|---|-----|-----|------------------|
| S83 | 1    | "09791341"                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/16 16:48 |
| S84 | 30   | "5596479"                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/16 17:01 |
| S85 | 7012 | MOV protection                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/16 17:04 |
| S86 | 2137 | S85 coil                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/16 17:09 |
| S87 | 32   | S86 ferrous                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/16 17:05 |
| S88 | 0    | (set adj of adj coils) protection       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/17 08:31 |
| S89 | 214  | (set adj coils) protection              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/17 08:33 |
| S90 | 0    | (set adj coils adj parallel) protection | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/17 08:34 |

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|----------|------|--|---|------|-----|------------------|
| S91      | 33   | (set adj coils same parallel)<br>protection          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF | 2005/08/17 09:01 |
| S92      | 0    | (set adj coils same parallel)<br>protection MOV      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF | 2005/08/17 09:02 |
| S93      | 0    | (set adj coils same parallel)<br>protection MOV      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF | 2005/08/17 09:02 |
| S94      | 2001 | (set SAME coils same parallel) MOV                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF | 2005/08/17 09:20 |
| S95      | 0    | surge same coils same absorber                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/08/17 09:59 |
| S96      | 4    | surge same coils same absor                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/08/17 10:00 |
| S97      | 4    | "2233939"  | USPAT   | OR   | OFF | 2005/08/17 10:03 |
| S99      | 0    | mov same absorber same coils                         | USPAT   | OR   | OFF | 2005/08/17 10:04 |
| S10<br>0 | 0    | mov same absorber same coils                         | USPAT   | AND  | OFF | 2005/08/17 10:04 |
| S10<br>1 | 0    | mov same absorber same coils                         | USPAT   | NEAR | OFF | 2005/08/17 10:05 |
| S10<br>2 | 33   | mov same coils                                       | USPAT   | NEAR | OFF | 2005/08/17 10:16 |
| S10<br>3 | 6    | varistor same first adj coil same<br>second adj coil | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | OFF | 2005/08/17 10:21 |



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| S10<br>4 | 308    | varistor same coil same parallel          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | OFF | 2005/08/17 13:08 |
| S10<br>5 | 0      | varistor same bank adj coil same parallel | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | OFF | 2005/08/17 13:09 |
| S10<br>6 | 0      | varistor same bank adj coil same parallel | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/08/17 13:09 |
| S10<br>7 | 0      | varistor (bank adj coil) parallel         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF | 2005/08/17 13:09 |
| S10<br>8 | 11     | varistor (bank adj5 coil) parallel        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | OFF | 2005/08/17 13:09 |
| S10<br>9 | 30749  | inductors same parallel                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/08/17 16:30 |
| S11<br>0 | 117074 | inductors                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2005/08/17 16:32 |
| S11<br>1 | 18822  | inductors                                 | USPAT   | OR   | OFF | 2005/08/17 16:32 |
| S11<br>2 | 12930  | S110 same parallel                        | USPAT   | OR   | ON  | 2005/08/17 16:32 |
| S11<br>3 | 86     | S112 same varistor                        | USPAT   | OR   | OFF | 2005/08/17 16:33 |

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|----------|-------|--------------------------|---|-----|-----|------------------|
| S11<br>4 | 2751  | inductance near parallel | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/17 17:19 |
| S11<br>5 | 4862  | S114 varistor            | USPAT   | OR  | OFF | 2005/08/17 17:19 |
| S11<br>6 | 15297 | S114 varistor            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/17 17:19 |
| S11<br>7 | 1053  | inductance adj parallel  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/18 17:03 |
| S11<br>8 | 13647 | S117 varistor            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/17 17:20 |
| S11<br>9 | 9     | S117 varistor            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/17 17:20 |
| S12<br>0 | 53    | S117 surge               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/17 18:08 |
| S12<br>1 | 0     | S117 supressor           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/17 18:09 |
| S12<br>2 | 1     | S117 supress\$           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/17 18:10 |

|          |       |                  |   |     |     |                  |
|----------|-------|------------------|---|-----|-----|------------------|
| S18<br>6 | 92071 | S185 coil        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 14:49 |
| S18<br>7 | 1158  | S186 varistor    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 14:55 |
| S18<br>8 | 11    | S187 non ferrous | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 14:50 |
| S18<br>9 | 11    | S188 parallel    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 14:50 |
| S19<br>0 | 569   | 315/370.ccls.    | USPAT   | OR  | OFF | 2005/08/19 15:12 |
| S19<br>1 | 320   | S190 coil        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 15:13 |
| S19<br>2 | 1     | S191 varistor    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 15:14 |
| S19<br>3 | 8     | "3803444"        | USPAT   | OR  | OFF | 2005/08/19 15:17 |
| S19<br>4 | 18    | "4547707"        | USPAT   | OR  | OFF | 2005/08/19 15:18 |
| S19<br>5 | 8     | "5079486"        | USPAT   | OR  | OFF | 2005/08/19 15:20 |
| S19<br>6 | 7     | "5177412"        | USPAT   | OR  | OFF | 2005/08/19 15:20 |

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|----------|-------|---|---|-----|-----|------------------|
| S19<br>7 | 52443 | (varistor or mov) (coil or inductance)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 15:23 |
| S19<br>8 | 5341  | S197 (surge or overvoltage or protection or suppressor or arrester or absorber) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 15:25 |
| S19<br>9 | 3410  | S198 (parallel)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 15:28 |
| S20<br>0 | 43    | S199 non ferrous  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 15:33 |
| S20<br>1 | 38    | S199 (inductance near parallel)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 15:43 |
| S20<br>2 | 209   | MOV varistor inductance   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 16:34 |
| S20<br>3 | 47    | 361/93.5.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 16:42 |
| S20<br>4 | 85    | voltage protector inductance MOV  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2005/08/19 16:42 |

|          |      |  |   |     |     |                  |
|----------|------|--|---|-----|-----|------------------|
| S20<br>5 | 13   | surge biasing coil non-ferrous                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 17:29 |
| S20<br>6 | 2    | surge same (biasing adj coil) same non-ferrous     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/19 17:23 |
| S20<br>7 | 2    | surge near (biasing adj coil) near non-ferrous     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/19 17:22 |
| S20<br>8 | 2    | surge near10 (biasing adj coil) near10 non-ferrous | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/19 17:23 |
| S20<br>9 | 2    | surge near50 (biasing adj coil) near50 non-ferrous | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/19 17:23 |
| S21<br>0 | 10   | surge same (biasing adj coil)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/08/19 17:24 |
| S21<br>1 | 2517 | surge biasing coil                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 17:30 |
| S21<br>2 | 83   | surge biasing coil varistor                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/08/19 17:30 |
| S21<br>3 | 1    | "4259705".PN.                                      | USPAT;<br>USOCR   | OR  | OFF | 2005/08/19 17:33 |
| S21<br>4 | 2    | "2939095".PN.                                      | USPAT;<br>USOCR   | OR  | OFF | 2005/08/19 17:38 |